

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
30 September 2004 (30.09.2004)

PCT

(10) International Publication Number
WO 2004/082630 A3

(51) International Patent Classification⁷: **A61K 31/55**,
31/52, 31/44, 31/415

(21) International Application Number:
PCT/US2004/008120

(22) International Filing Date: 17 March 2004 (17.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/455,405 17 March 2003 (17.03.2003) US

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
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MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a
patent (Rule 4.17(ii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:
29 December 2004

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: HIGH POTENCY DOPAMINERGIC TREATMENT OF NEUROLOGICAL IMPAIRMENT ASSOCIATED WITH
BRAIN INJURY

(57) Abstract: Methods and compositions are described for treating impaired neurological function, including altered state of con-
sciousness disorders, in an individual who has sustained a brain injury comprising administering to the individual apomorphine.
Methods and compositions are described for treating impaired neurological function, including altered state of consciousness disor-
ders, in an individual who has sustained a brain injury comprising administering to the individual at least 1000mg or more of L-dopa
(levodopa) per day. The use of potent dopaminergic agents to stimulate emergence from an altered consciousness state, such as a
coma, is disclosed.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/081204

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/55, 31/52, 31/44, 31/415

US CL : 514/217, 263.31, 284, 394, 395

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/217, 263.31, 284, 394, 395

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
noneElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAS-ONLINE, EAST**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	✓ SPIRIDONOV, V.K. et al. Activity of dopaminergic endings of rat forebrain nuclei during electroconvulsive amnesia and restoration of conditioned reaction of passive avoidance with apomorphine. 1981, Vol. 31. No. 2, pages 409-411.	1-88
X	US 3,961,060 A (FUXE) 01 June 1976 (01.06.1976), see the entire document.	1-88
Y	US 6,310,085 B1 (WILLIS) 30 October 2001 (30.10.2001), see the entire document.	29-88

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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Date of the actual completion of the international search

16 July 2004 (16.07.2004)

Date of mailing of the international search report

25 OCT 2004

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